

View Online at <https://aerobasegroup.com/nsn/5935-01-480-6477>

Thread Class:

2a

Thread Direction:

Right-hand

Body Style:

Straight shape, external coupling

Overall Length:

1.697 inches

Overall Height:

1.625 inches

Overall Width:

1.625 inches

Environmental Protection:

Moisture proof and salt water resistant and vibration proof

Unthreaded Mounting Hole Diameter:

Between 0.115 inches and 0.130 inches

Center To Center Distance Between Mounting Facilities Parallel To Height:

1.250 inches

Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:

1.250 inches

Distance From Mounting Shoulder To Front Face:

Between 0.750 inches and 0.781 inches

Threaded Device Type:

Coupling facility

Mating End Quantity:

1

Contact Position Arrangement Style:

20-22 single mating end

Contact Removability:

Nonremovable single mating end single contact grouping

Contact Maximum Dc Voltage Rating In Volts:

5000.0 single mating end single contact grouping

Polarization Method:

Keyway or multiple keyway

Insert Position In Deg:

0.0

Shell Type:

Solid

Connector Locking Method:

Externally threaded shell

End Application:

Fa-18c/d; connector, receptacle, electrical, box mounting, solder contacts an type.

Thready Qty Per Inch (tpi):

18

Thread Size:

1.250 inches

Terminal Location:

Back single mating end single contact grouping

Criticality Code Justification:

Agav and feat and afre

Terminal Type:

Crimp single mating end single contact grouping

Shell Material:

Aluminum alloy

Shell Surface Treatment:

Cadmium

Shell Surface Treatment Specification:

Qq-p-416 ty2, cl 3 federal specification single treatment response

Included Contact Quantity:

6 single mating end single contact grouping

Included Contact Type:

Curved socket single mating end single contact grouping

Product Name:

Inavy: connector, receptacle, electrical

Special Features:

Note this is a mil-c-5015 type e connector with high voltage cartridges installed in contact positions a and e; contact positions b, d, f contact size 16, wire size (mil-I-5086) 16 through 20, operating voltage (dc) 700v, operating voltage (rms) 500v; contact positions a and e contact size 20, wire size (mil-I-5086) 20, operating voltage (dc) 5, 000v, operating voltage (rms) 3, 500; contact position c contact size 8, wire size (mil-I-5086) 8 through 10, operating voltage (dc) 700v, operating voltage (rms) 500v.

Thread Series Designator:

Unef

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A039b0